



TECHNICAL DATA

GB UNIMOT® SYNTH 61 FE 5W-30

APPLICATIONS

GB UNIMOT® SYNTH 61 FE 5W-30 is a synthetic technology, fuel-efficient heavy duty diesel engine oil. Incorporating advanced additive systems, this product provides outstanding protection when operating in severe on-highway conditions with extended drain intervals. Based on low SAPS technology (sulphated ash, phosphorus and sulphur), this premium engine oil maximises the life of diesel particulate filters (DPF) and other exhaust after-treatment systems such as SCR-Adblue, EGR, CRT. Specifically formulated for selected modern generation heavy-duty diesel vehicles, this low HTHS viscosity oil is not backwards compatible and therefore may not be suitable for older engines.

PERFORMANCE FEATURES

GB UNIMOT® SYNTH 61 FE 5W-30 has been designed for use in selected Euro VI diesel engines capable of using a low viscosity, low HTHS fuel efficient lubricant and offers the following features:

- Low SAPS technology, ensuring protection of the exhaust after-treatment system
- Outstanding engine protection, combatting wear and corrosion
- Effective control of soot, sludge and piston deposits
- Excellent oxidation and thermal stability
- Superior fuel economy and CO₂ reduction
- Excellent low temperature and cold-start performance
- Extended drain capability

PERFORMANCE DETAILS

GB UNIMOT® SYNTH 61 FE 5W-30 may be used where the following specifications are required:

	API FA-4/SN/SN Plus	DETROIT DIESEL 93K223	RENAULT RLD-5
	ACEA F01	FORD M2C214-B1	VOLVO VDS-5
	CUMMINS CES 20087	JASO DH-2	
	DAIMLER TRUCK DTFR 15C130 (MB 228.61)	MACK EOS-5	

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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
SAE			5W-30
Appearance	-	-	Clear amber liquid
Kinematic Viscosity @ 100°C	cSt	ASTM D445	9.8
Kinematic Viscosity @ 40°C	cSt	ASTM D445	58.5
Viscosity Index	-	ASTM D2270	153
Density	kg/m ³	ASTM D4052	853
TBN	mgKOH/g	ASTM D2896	9.9
HTHS Viscosity	cP	ASTM D4683	3.0
Sulphated Ash	%wt	ASTM D874	0.9
Pour Point	°C	ASTM D97	-45
Flash Point (PMCC)	°C	ASTM D93	200

STORAGE AND HANDLING

GB UNIMOT® SYNTH 61 FE 5W-30 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIMOT® SYNTH 61 FE 5W-30 can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.